8. (Amended) The method of Claim 1, wherein the data packets are not increased larger than the size of a maximum transmission unit for any intermediary network device that is in the transmission path between the server computer and the client computer.

B2

9. (Amended) The method of Claim 1, wherein the data packets are aggregated in an aggregated data packet until the size of the aggregated data packet exceeds a minimum threshold without exceeding a maximum threshold.

15. (Amended) The method of Claim 1, additionally comprising increasing or decreasing the number of channels that are used to transmit the streamable data objects.

Sub C1

16. (Amended) The method of Claim 1, additionally comprising either increasing or decreasing the frequency of transmission of one or more data packets that are used to transmit the streamable data objects.

B3

17. (Amended) A server computer for transmitting data packets via a communications network, the server computer comprising:

a plurality of data packets; and

a server program for determining one or more system conditions and for, in response to determining the system conditions, repackaging at least two of the data packets into a single data packet; and transmitting the data packets to a communications network.

24. (Amended) The system of Claim 17, additionally comprising, in response to determining the system condition, increasing the number of channels that are used to transmit the streamable data objects.

B4

25. (Amended) The system of Claim 17, additionally comprising, in response to determining the system conditions, either increasing or decreasing the frequency of transmission of one or more data packets.

26. (Amended) A system for transmitting data packets from a server computer to at least one client computer, the system comprising:

means for determining one or more system conditions; and

means for, in response to determining the system conditions, increasing the size of one or more data packets that are transmitted from a server computer to a client computer.

Please add Claims 52-63 as follows:

52. A method of transmitting a plurality of data packets from a server computer to at least one client computer via a communications link, the method comprising:

determining one or more system conditions of the server computer; and

increasing or decreasing the number of channels that are used to transmit data packets from the server computer to the client computer via the communications link.

53. The method of Claim 52, wherein determining one or more system conditions comprises determining a server load that is associated with the server computer.

54. The method of Claim 53, wherein determining the server load comprises comparing the number of data packets that are overdue to the total number of data packets.

55. A method of transmitting a plurality of data packets from a server computer to at least one remotely located client computer via a network, the method comprising:

determining one or more system conditions of the server computer; and

decreasing the size of the data packets that are packaged in the server computer for transmission to the at least one remotely located client computer via the network.

56. The method of Claim 55, wherein determining one or more system conditions comprises determining a server load that is associated with the server computer.

57. The method of Claim 55, wherein determining the server load comprises comparing the number of data packets that are overdue to the total number of data packets.

58. A method of transmitting a plurality of data packets from a server computer to at least one client computer, the method comprising:

determining one or more system conditions of the server computer; and

changing a network operating system call that is used to transmit data packets from the server computer to the at least one client computer.